

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
 Data File : BF118223.D
 Acq On : 17 Dec 2019 3:42
 Operator : JU
 Sample : K6267-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WO-3

Quant Time: Dec 17 05:29:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

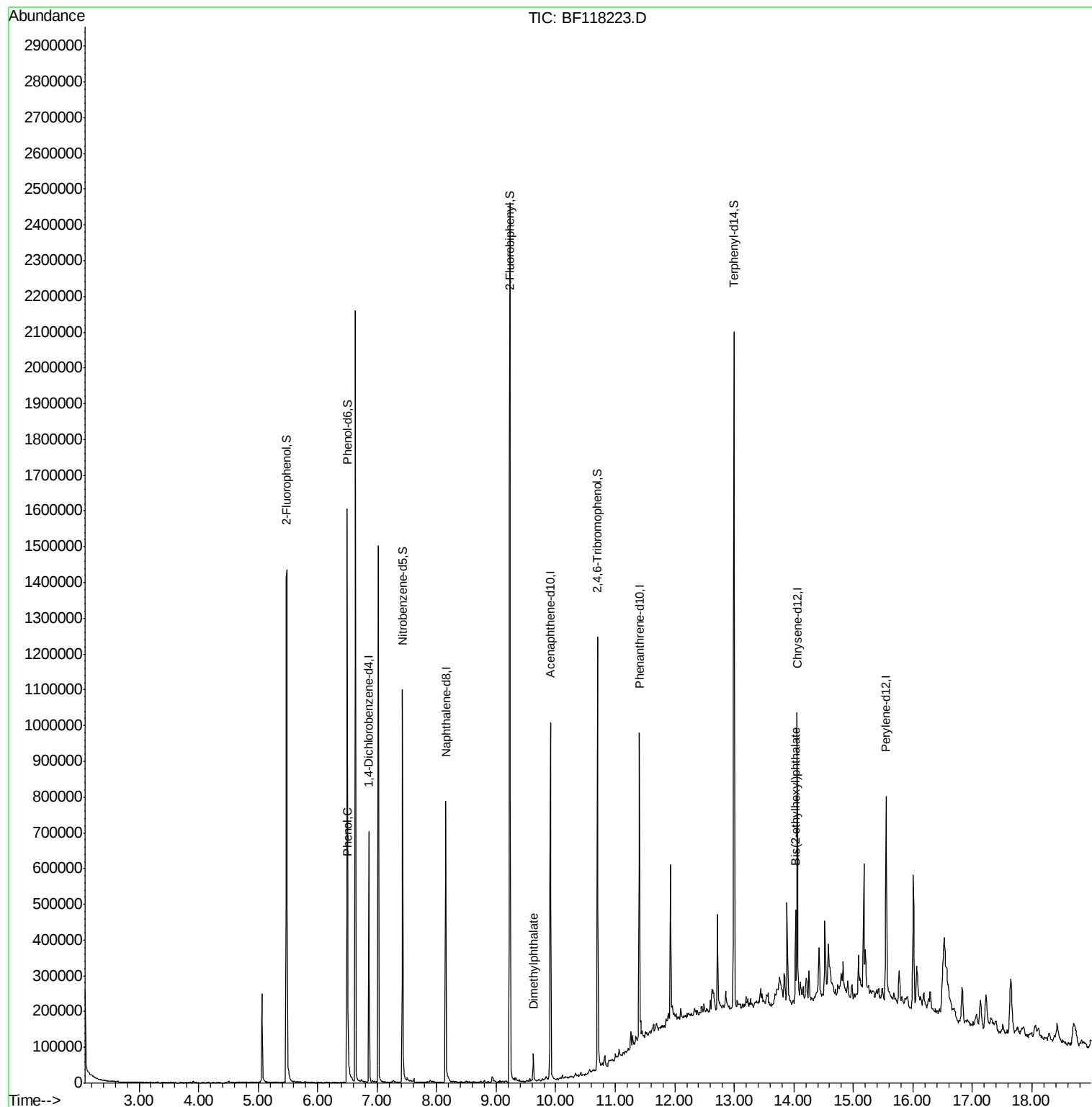
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	98348	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	374732	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	184886	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	283695	20.00	ng	0.00
76) Chrysene-d12	14.06	240	243009	20.00	ng	-0.01
87) Perylene-d12	15.55	264	243863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	458553	81.66	ng	0.00
7) Phenol-d6	6.50	99	570248	83.96	ng	0.00
23) Nitrobenzene-d5	7.43	82	341747	51.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	158700	70.66	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	698365	57.48	ng	-0.01
79) Terphenyl-d14	12.99	244	626783	44.35	ng	-0.01
Target Compounds						
10) Phenol	6.51	94	19613	2.532	ng	81
50) Dimethylphthalate	9.62	163	28619	2.096	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	70312	6.148	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF118223.D

Acq: 17 Dec 2019 3:42

Instrument :

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ClientSampleId :

WO-3

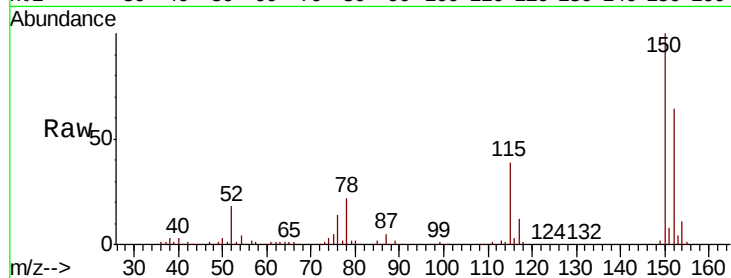
Tot Ion:152 Resp: 98348

Ion Ratio Lower Upper

152 100

150 155.0 128.3 192.5

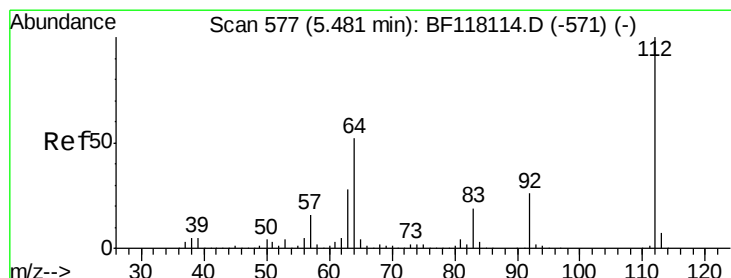
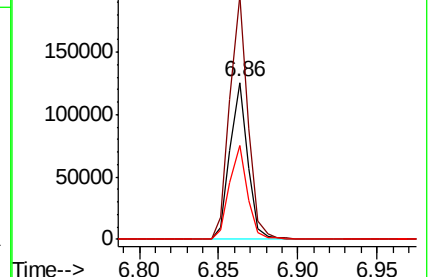
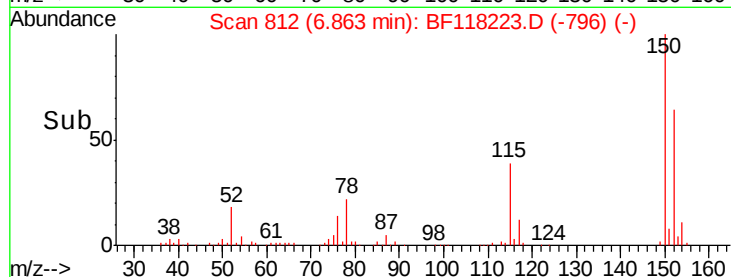
115 59.7 51.1 76.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 81.663 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF118223.D

Acq: 17 Dec 2019 3:42

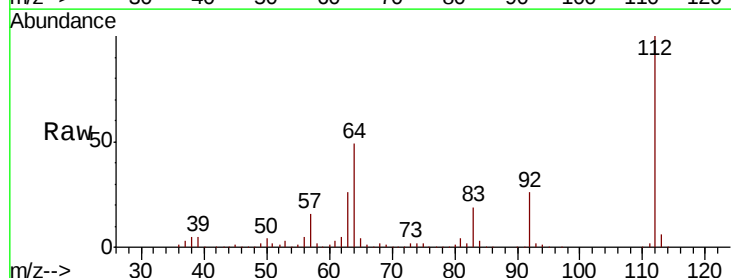
Tgt Ion:112 Resp: 458553

Ion Ratio Lower Upper

112 100

64 49.5 41.3 61.9

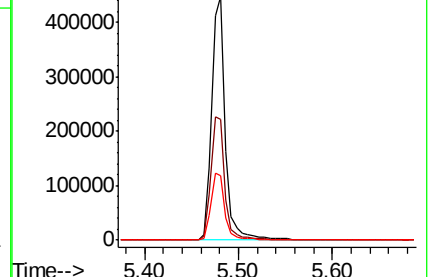
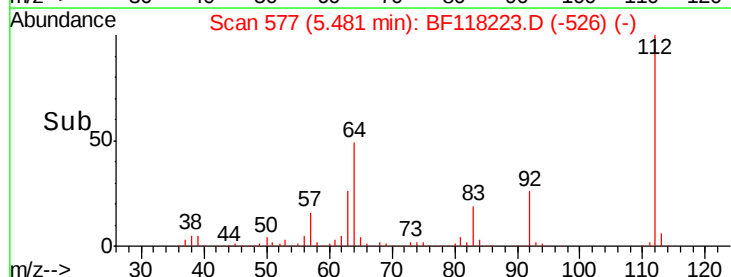
63 26.4 22.4 33.6

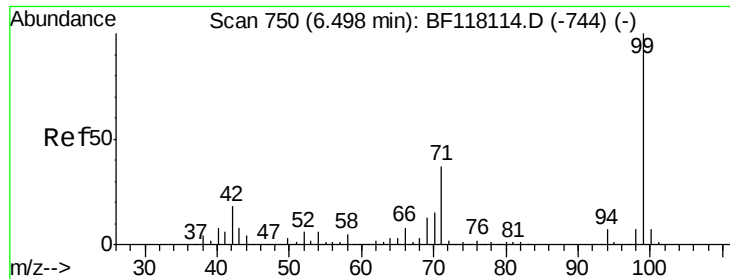


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 83.962 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118223.D

Acq: 17 Dec 2019 3:42

Instrument :

BNA_F

ClientSampleId :

WO-3

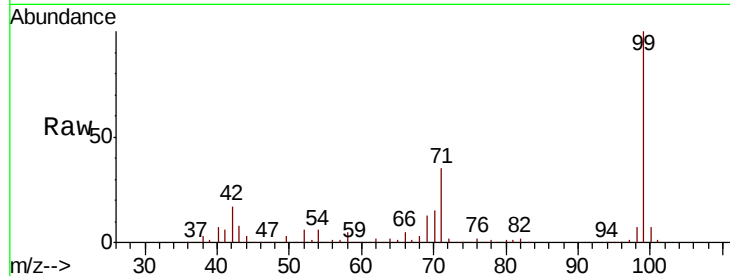
Tot Ion: 99 Resp: 570248

Ion Ratio Lower Upper

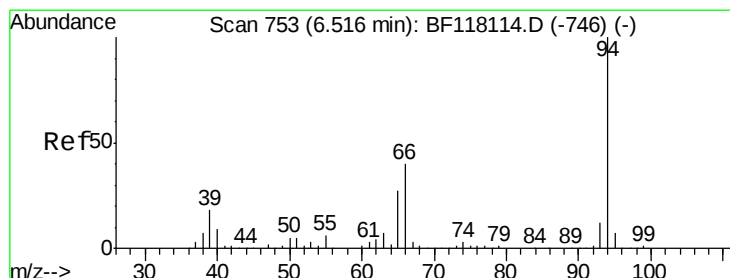
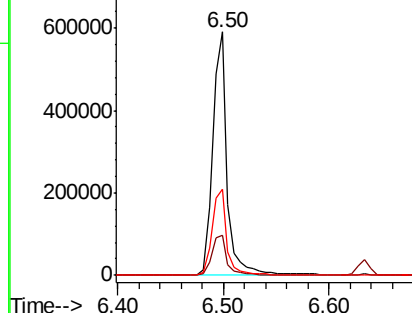
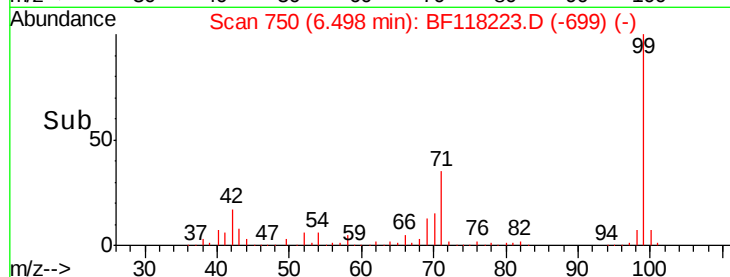
99 100

42 16.5 14.1 21.1

71 35.2 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.532 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118223.D

Acq: 17 Dec 2019 3:42

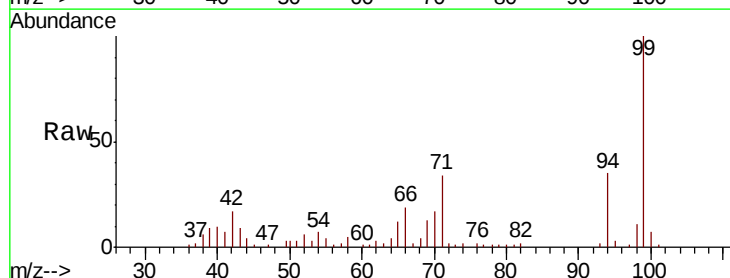
Tgt Ion: 94 Resp: 19613

Ion Ratio Lower Upper

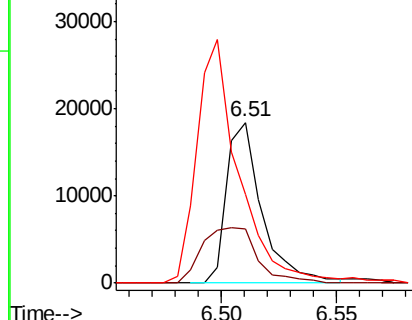
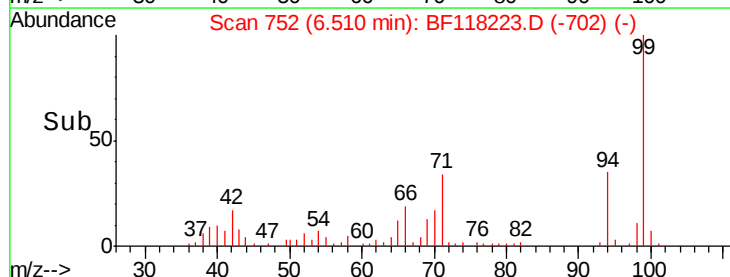
94 100

65 33.5 7.3 47.3

66 55.4 20.2 60.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

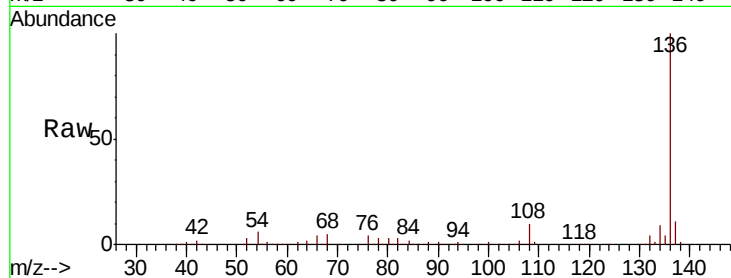




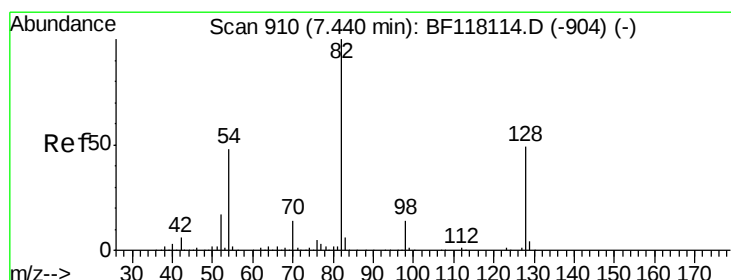
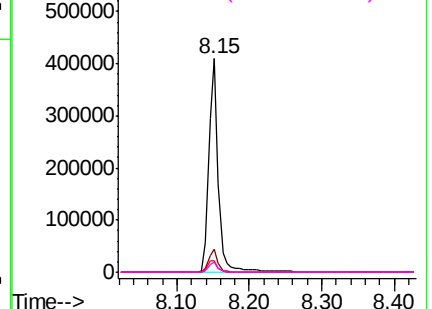
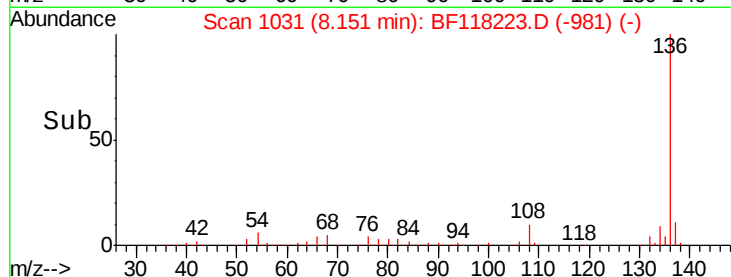
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118223.D
Acq: 17 Dec 2019 3:42

Instrument :
BNA_F
ClientSampleId :
WO-3

Tot Ion:136 Resp: 374732
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 5.6 5.0 7.6
68 4.6 3.8 5.8

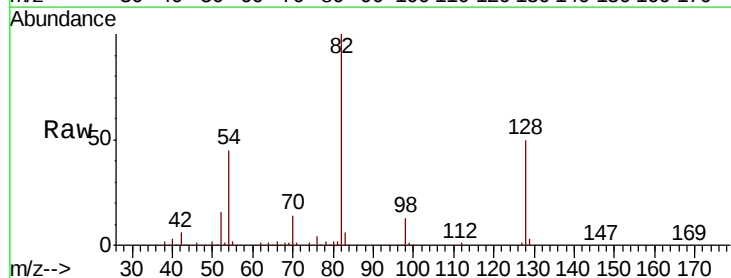


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

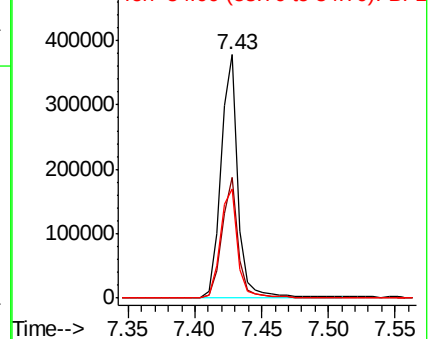
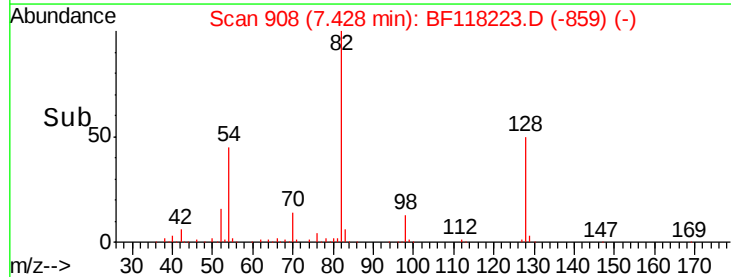


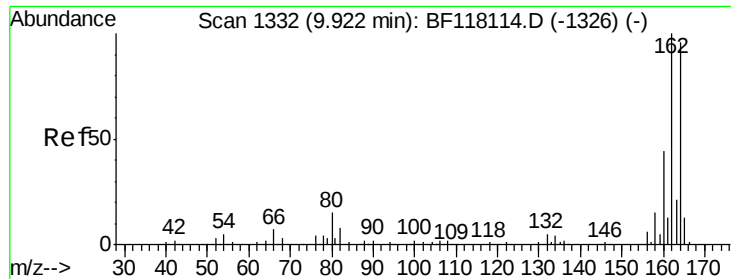
#23
Nitrobenzene-d5
Concen: 51.306 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118223.D
Acq: 17 Dec 2019 3:42

Tgt Ion: 82 Resp: 341747
Ion Ratio Lower Upper
82 100
128 49.7 39.1 58.7
54 44.9 38.2 57.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118223.D

Acq: 17 Dec 2019 3:42

Instrument :

BNA_F

ClientSampleId :

WO-3

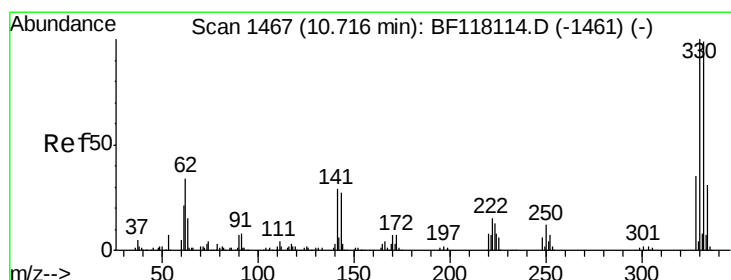
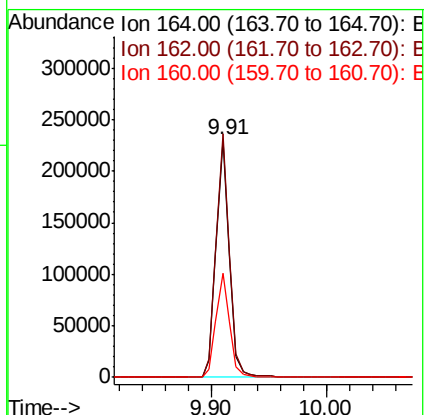
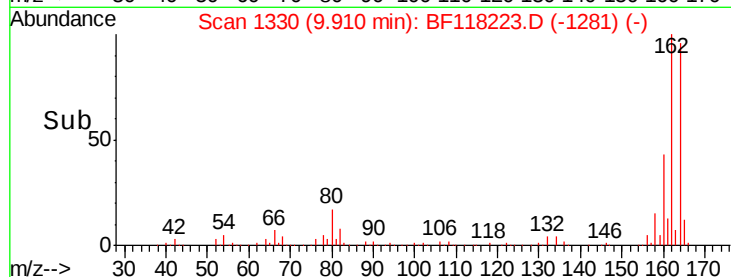
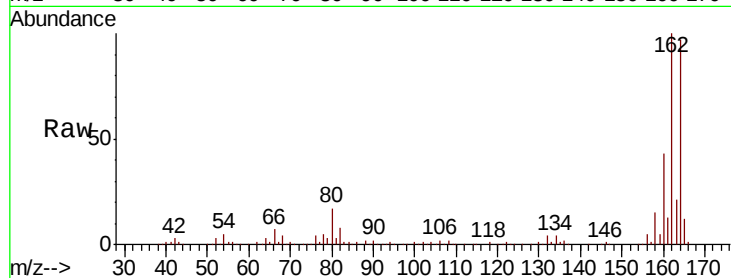
Tot Ion:164 Resp: 184886

Ion Ratio Lower Upper

164 100

162 102.6 83.4 125.0

160 43.9 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 70.658 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118223.D

Acq: 17 Dec 2019 3:42

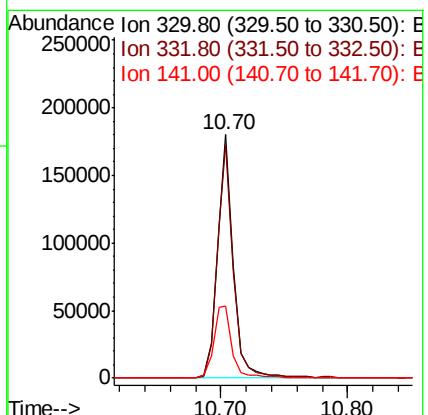
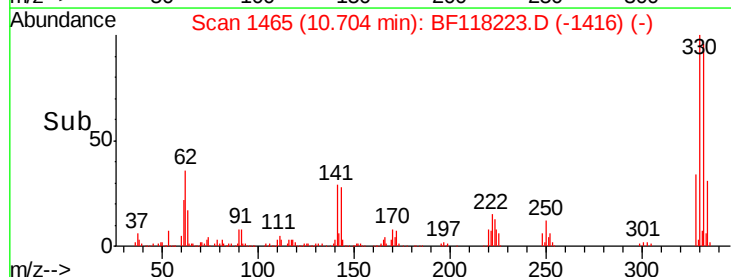
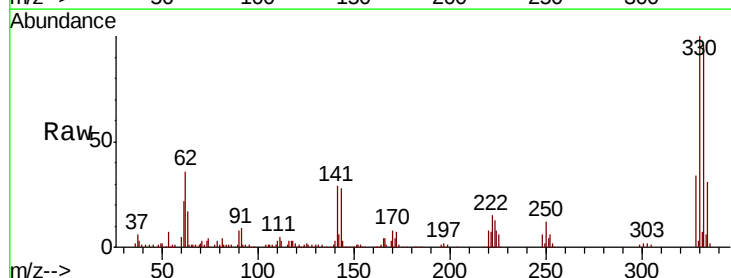
Tgt Ion:330 Resp: 158700

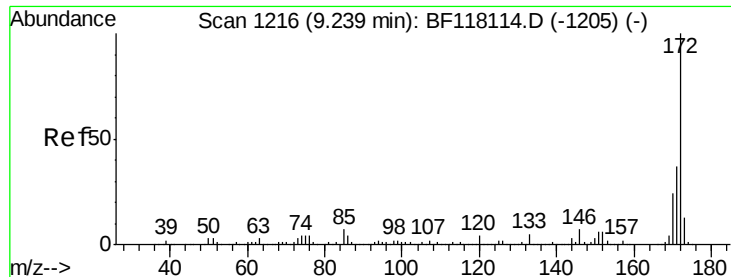
Ion Ratio Lower Upper

330 100

332 97.8 78.1 117.1

141 34.5 26.9 40.3

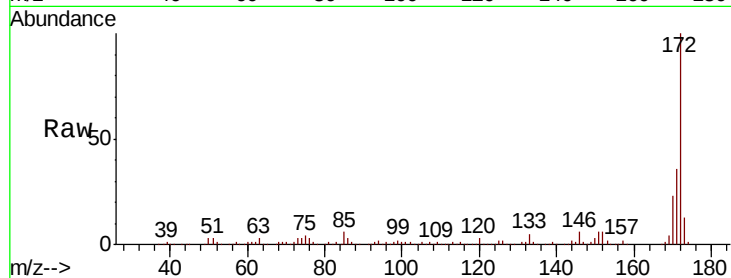




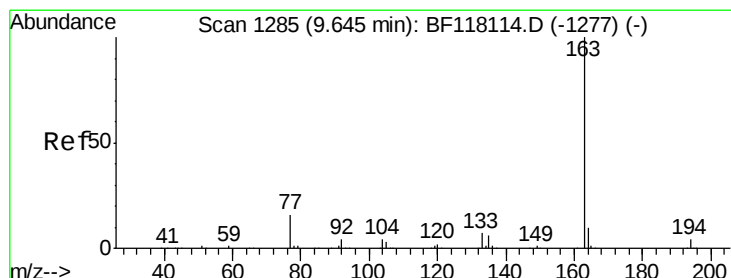
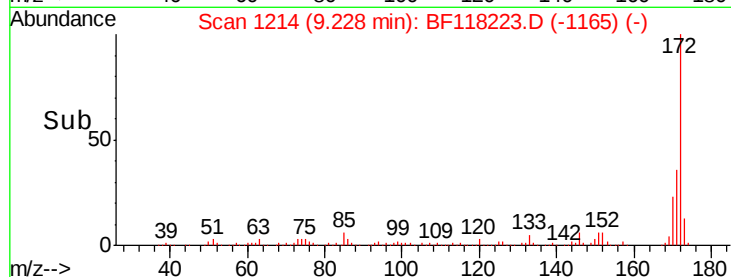
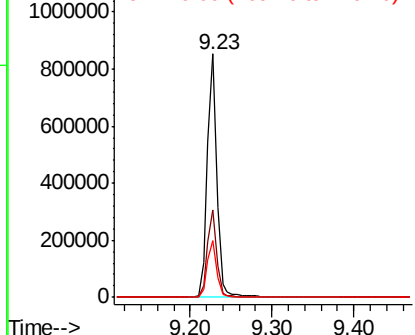
#45
2-Fluorobiphenyl
Concen: 57.477 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118223.D
Acq: 17 Dec 2019 3:42

Instrument :
BNA_F
ClientSampleId :
WO-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.3	19.4	29.2

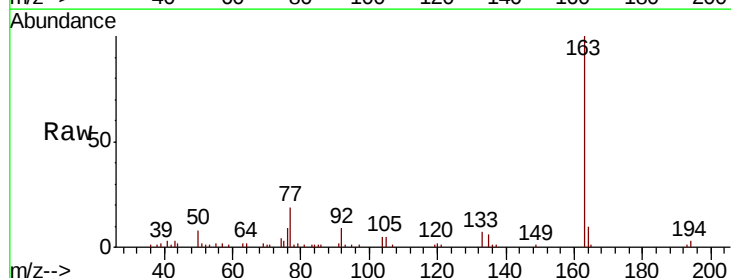


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

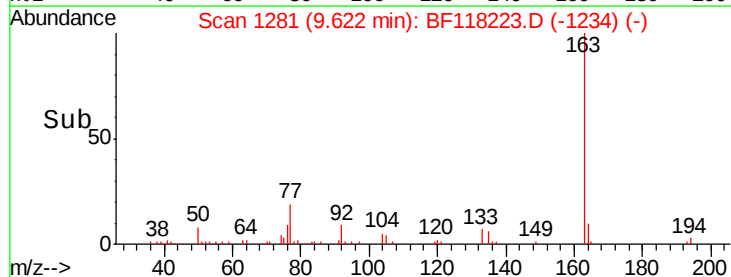
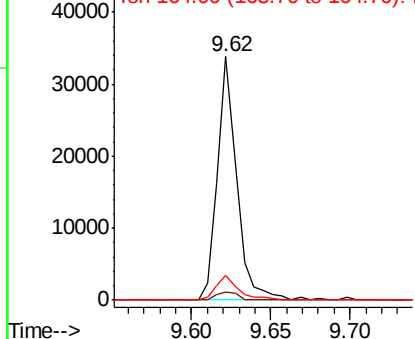


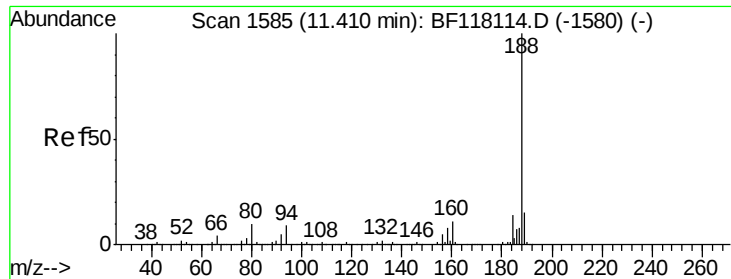
#50
Dimethylphthalate
Concen: 2.096 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118223.D
Acq: 17 Dec 2019 3:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.1	4.7
164	9.9	7.7	11.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118223.D

Acq: 17 Dec 2019 3:42

Instrument :

BNA_F

ClientSampleId :

WO-3

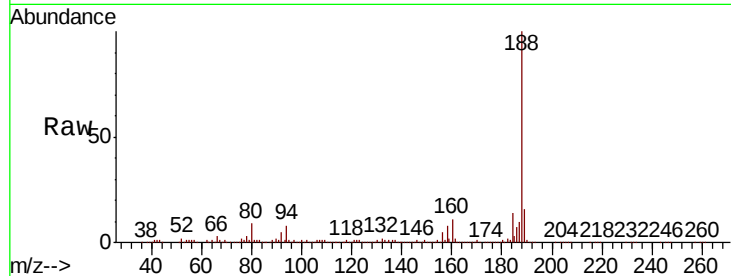
Tot Ion:188 Resp: 283695

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

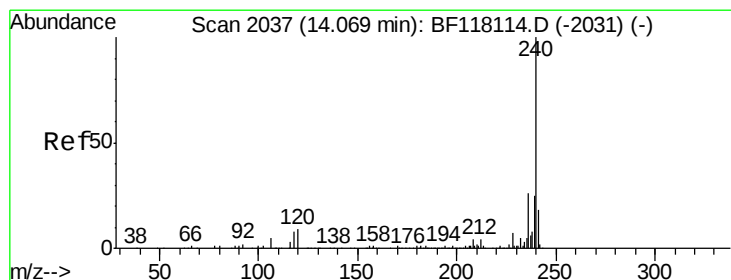
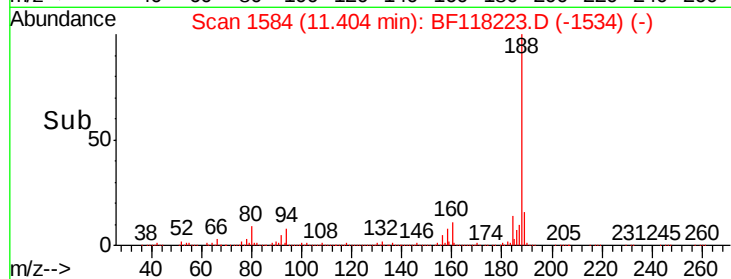
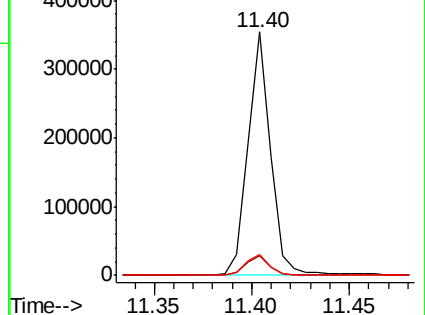
80 8.8 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF118223.D

Acq: 17 Dec 2019 3:42

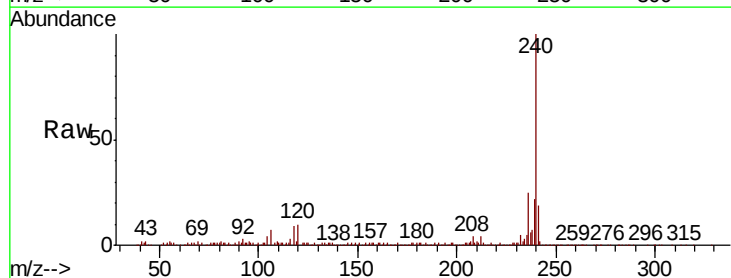
Tgt Ion:240 Resp: 243009

Ion Ratio Lower Upper

240 100

120 9.8 7.1 10.7

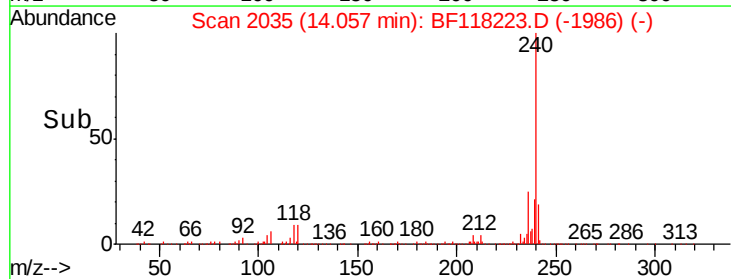
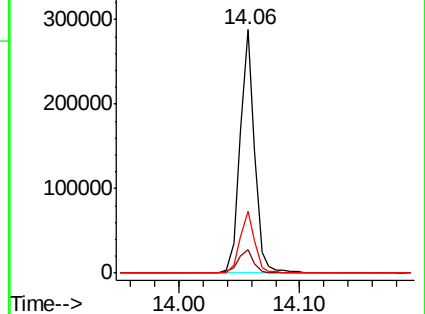
236 25.3 21.0 31.6

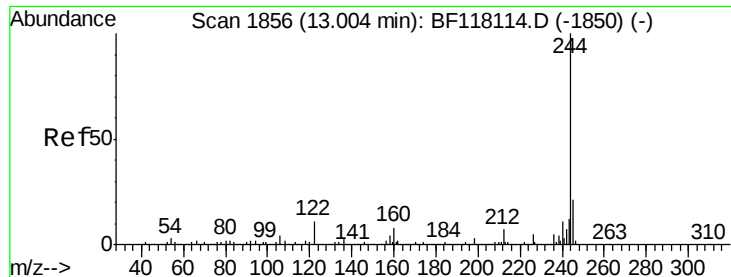


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 44.354 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118223.D

Acq: 17 Dec 2019 3:42

Instrument :

BNA_F

ClientSampled :

WO-3

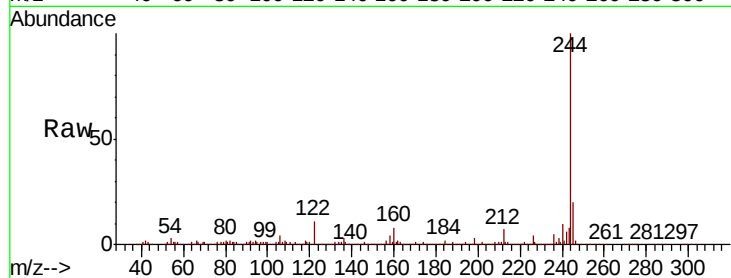
Tot Ion:244 Resp: 626783

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

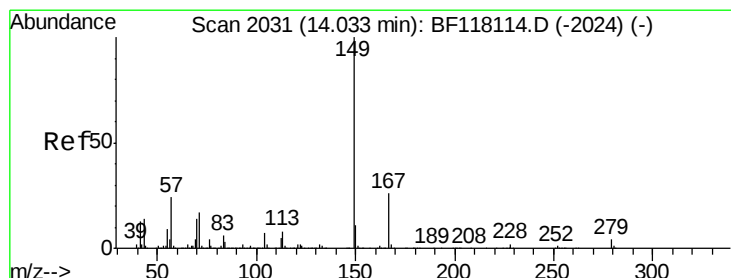
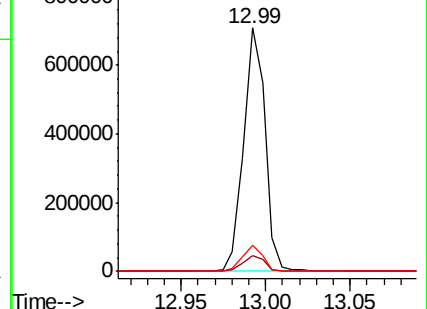
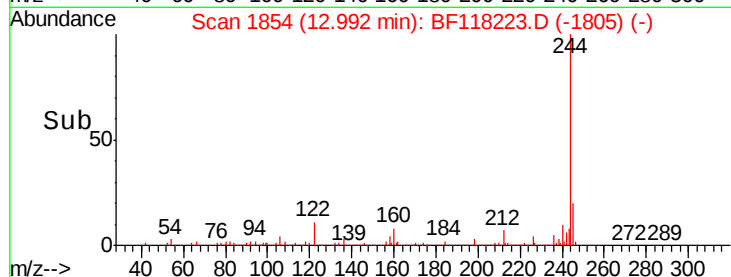
122 10.9 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.148 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118223.D

Acq: 17 Dec 2019 3:42

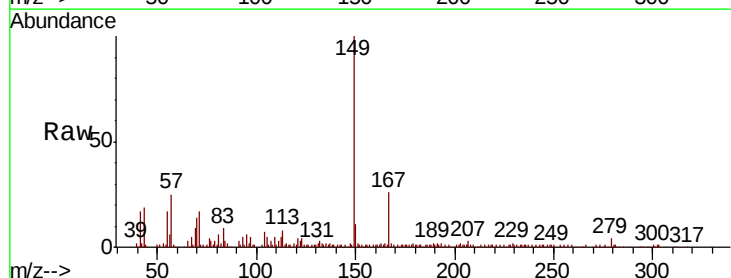
Tgt Ion:149 Resp: 70312

Ion Ratio Lower Upper

149 100

167 26.4 20.8 31.2

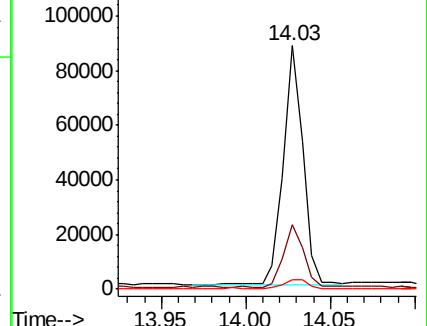
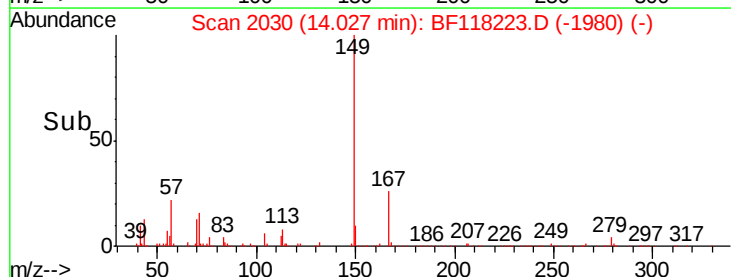
279 3.8 2.9 4.3

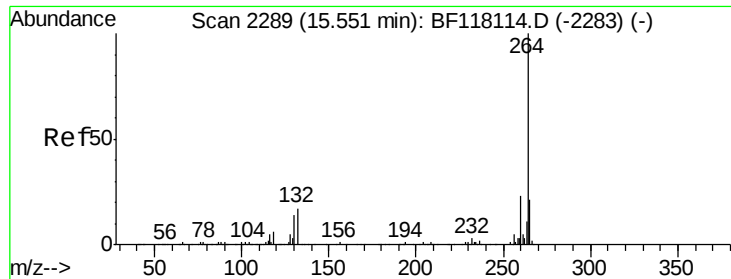


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BF118223.D
Acq: 17 Dec 2019 3:42

Instrument :
BNA_F
ClientSampleId :
WO-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	22.0	16.8	25.2

